

1 61

P1 IleArgLysArgXaaAlaArgCysMetGlnLysAspGlyXaaLysAlaAspGlyIleAsp
+ gatcmggaacgyttsgctcggtgcatgcagaaggacgggtgaaggcggacgggattgac
- nctagkcctttgcraawcgagccacgtacgtcttctctgccsacttccgcctgccctaactg
M1 SerXaaSerValXaaXaaGluThrCysAlaSerProProXaaSerProProArgSerGlnAr
M2 IleXaaPheArgLysAlaArgHisMetCysPheSerProXaaPheAlaSerProIleSerS

62 121

P1 AspAspAspAspIleAlaMetLysAspGlyThrAlaAspValLeuGlyGlyAlaGluArg
+ gacgacgacgacattgcatgaaagatgggaccgcycgacgtccttggcggggcggagcgc
- ctgctgctgctgtaacgctactttctaccctggcgrctgcaggaaccgccccgcctcgcg
M1 gArgArgArgCysGlnSerSerHisLeuSerArgXaaArgGlyGlnArgProProAlaAr
M2 erSerSerSerMet

122 181

P1 GluAsnGlnAspAspGluAspGluAspValTyrAlaArgIleArgPheLeuProGluArg
+ gagaaccaagacgacgaggacgaggacgtctacgcgcgcacgttcttcttctgagcgg
- ctcttggttctgctgctcctgctcctgcagatgcgcgcgtaggcaaaggaaggactcgcc
M1 gSerGlyLeuArgArgProArgProArgArgArgAlaCysGlyAsnGlyGluGlnAlaPr

182 241

P1 ValPheAspThrSerAlaLeuLeuIleLeuLysPheSerLeuAlaAspAlaAspSerAla
+ gtattttgacacctccgcattgctgatcctgaagttctcgcttgacagcgtgattcagcg
- cataaactgtggaggcgtaacgactaggacttcaagagcgaacgtctgcgactaagtcgc
M1 oIleGlnCysArgArgMetAlaSerGlySerThrArgAlaGlnLeuArgGlnAsnLeuAl

242 301

P1 ProLeuArgArgThrCysPheGlyArgCysLysProHisGlySerAspHisArgGlnPhe
+ ccgcttctgcgcacctgctttggacgctgcaaaccgcacggctcgaccatcgctcagttt
- ggcggaagcagcgtggacgaaacctgcgacgtttggcgtgccgagcctggtagcagtcgaa
M1 aAlaGluAspCysArgSerGlnValSerCysValAlaArgSerProGlyAspAspThrGl

302 361

P1 ProAlaSerGluValAsnPheArgProArgTrpThrLeuLeuSerLeuLeuSerLeuPro
+ cctgcttcagaggtgaattttccgaccccgcttgactttgctctctcttctctcttctaccc
- ggacgaagtctccacttaaaggctggggcaacctgaaacgagagagaagagagagatggg
M1 uGlnLysLeuProSerAsnGlyValGlyAsnSerLysAlaArgGluGluArgGluValAr

362 371

P1 AspAspAsp
+ gacgacgatc
- ctgctgctag
M1 gArgArgAsp